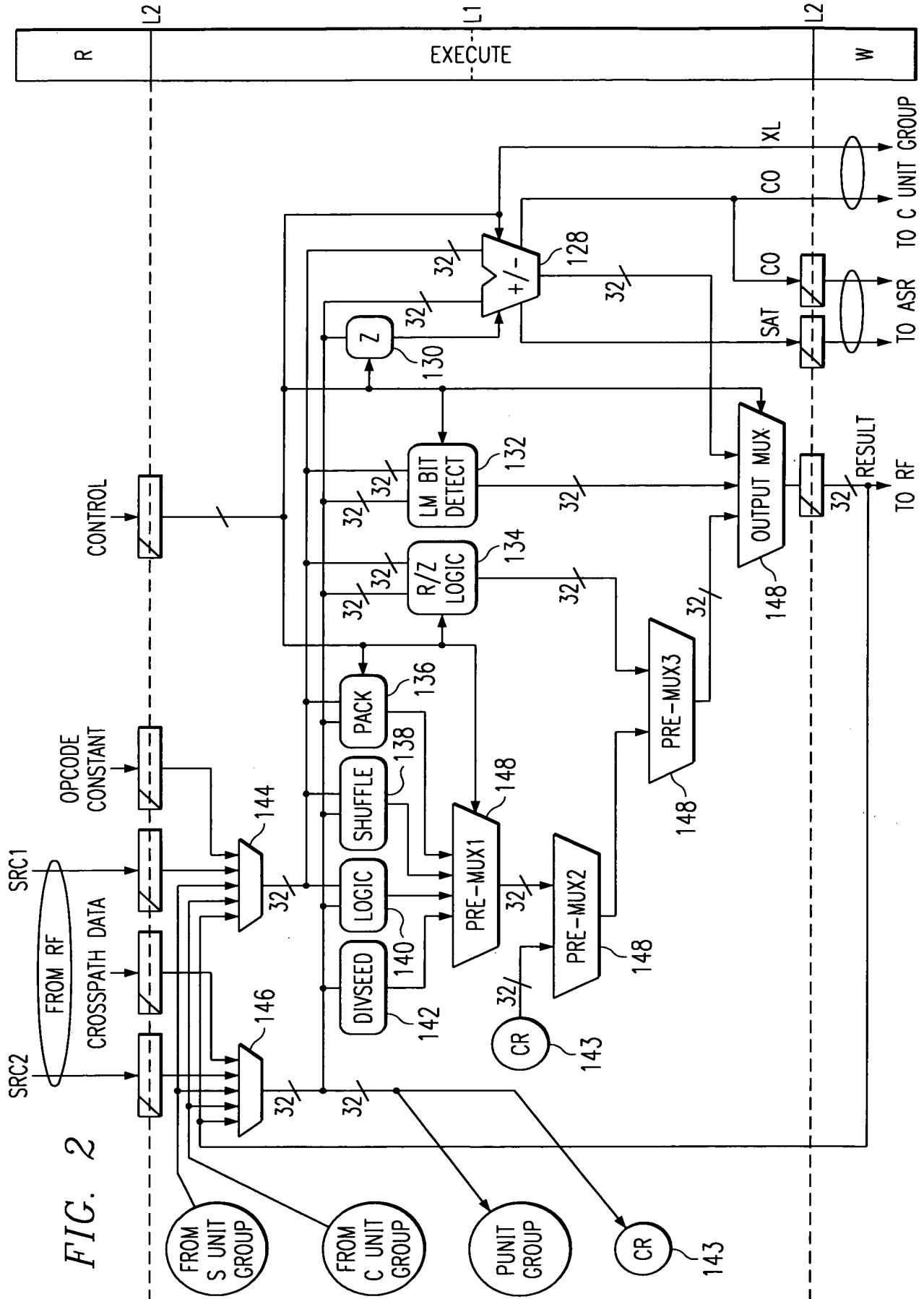


FIG. 1



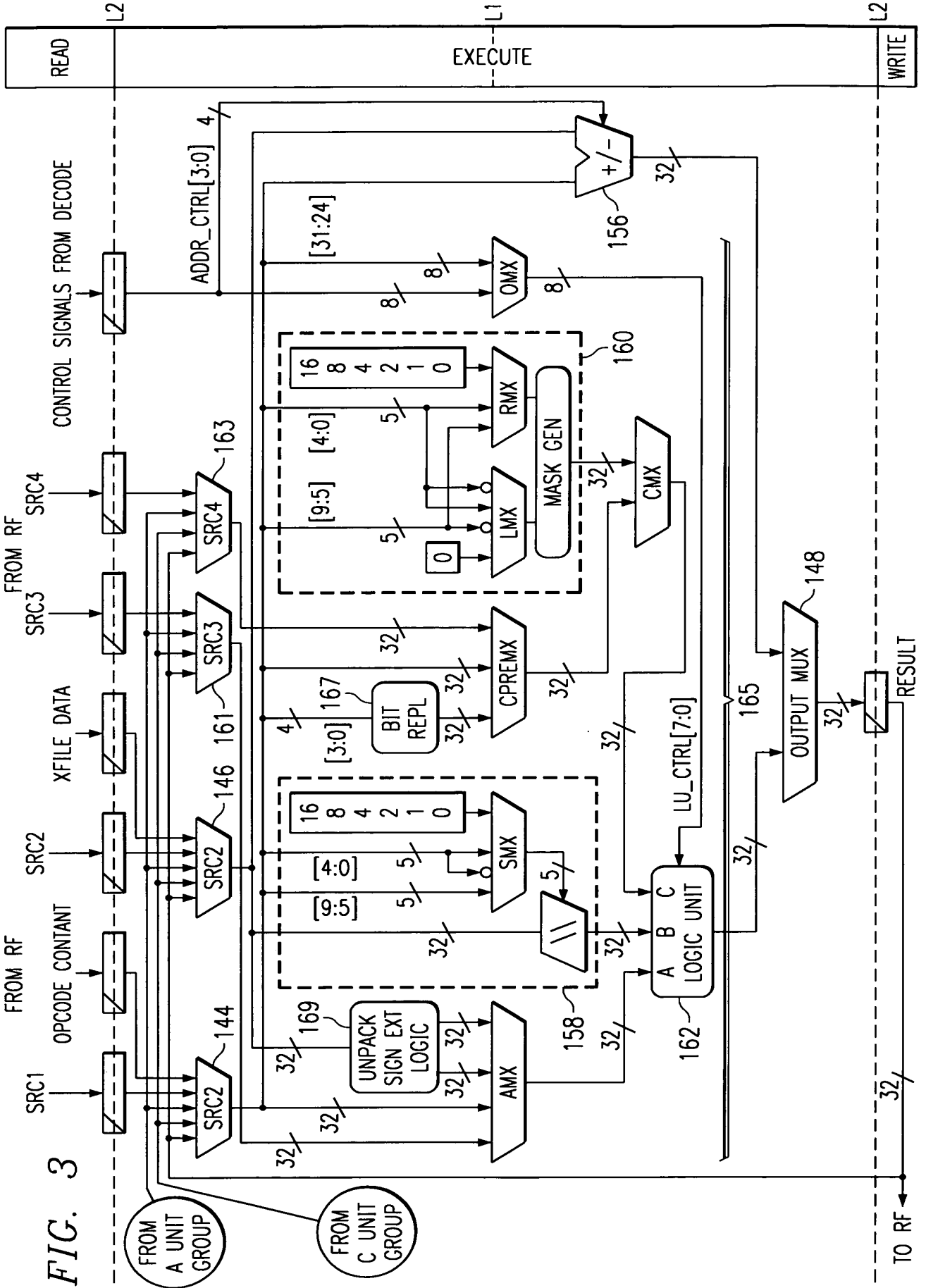


FIG. 3

OPCODE

OFFSET	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
NAME	creg		z							scst12							ucst3	0	0	0	0	0	1	0	0	1	0	0	0	s	p	
WIDTH	3		1							12						3	1					10								1	1	

FIG. 4a

PIPELINE STAGE	E1	PS	PW	PR	DP	DC	E1
READ			src2				
WRITTEN			PC				
BRANCH TAKEN							x
UNIT IN USE			.S				

FIG. 4b

PIPELINE STAGE	E1	PS	PW	PR	DP	DC	E1
READ			src2				
WRITTEN			PC				
BRANCH TAKEN							x
UNIT IN USE			.S2				

FIG. 5b

OPCODE

OFFSET	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
NAME		creg	z	0	0	0	0	0	1		src2				0	0		ucst3	x	0	0	1	1	0	1	1	0	0	0	1	p	
WIDTH	3		1				5				5				2		3		1			10								1	1	

FIG. 5a

OPCODE																																	
OFFSET	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
NAME	creg			z	dst			src			Opfield										X	0	0	0	0	1	1	1	1	0	0	s	p
WIDTH	3			1	5			5			5					1					10										1	1	

FIG. 6a

PIPELINE STAGE	E1 E2 E3 E4			
	src2			
READ				
WRITTEN	dst			
UNIT IN USE	.M			

FIG. 6b